

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Petite

Group Art Unit:

Serial No.:

Examiner:

Filed: Herewith

Docket No. 081607-1021

For: **Mult-Function General Purpose Transceiver**

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In regard to the above-referenced application, the Applicants submit the following preliminary amendments and remarks to be respectively entered and considered prior to examination.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 20-0778.

IN THE SPECIFICATION

Amend the specification as follows:

On page 1, line 3 – After “This application is a” please insert -- continuation of U.S. Application Serial No. 09/102,399 which is a --

On page 16, line 9, immediately following "refer" please insert --to--.

IN THE CLAIMS

Please cancel claims 1-32. Please add the following new claims:

33. A system of communicating information to a predetermined location, the system comprising:

 a transmitter configured to wirelessly transmit a low power signal comprising the information;

 a transceiver, located remote from, but in close proximity to the transmitter signal and communicate the information to the predetermined location, the transceiver comprising:

 a line interface circuit configured to interface with a telephone line, wherein the telephone line is part of the public service telephone network (PTSN);
 and

 a controller configured to receive the signal and communicate the information over the telephone line; and

 a central location, located remotely from the transceiver, configured to communicate with the transceiver via the telephone line and receive the information.

34. The system of claim 33, wherein the low power signal further comprises a telephone number such that the transceiver establishes communication with the central location via the telephone number.

35. The system of claim 33, wherein the low power signal further comprises a logical I.P. such that the transceiver can route the information to the central station.

36. The system of claim 33, wherein the transmitter is configured to transmit a low power radio frequency (RF) signal.

37. The system of claim 33, wherein the information comprises a transmitter identifier code, a unique transmission destination address, and a burst transmission length identifier.

38. The system of claim 33, wherein the controller is further configured to communicate a transceiver identification code to the central station.

39. The system of claim 38, wherein the central location comprises means for evaluating the transceiver identification code.

40. The system of claim 39, wherein the evaluating means further determines geographical location of the transceiver based upon the transceiver identification code.

41. The system of claim 33, wherein the central location comprises means for notifying service personnel in response to the information.

42. The system as defined in claim 37, wherein the transmitted signal further comprises:

- a message identification field;
- a packet identification field; and
- a data field.

43. The system as defined in claim 37, wherein the unique transmission destination address is an Internet protocol (IP) address.

44. The system as defined in claim 42, wherein the transmitted signal further comprises:

- a field adaptively configured for data transmission error correction.

45. The system as defined in claim 42, wherein the transmitted signal further comprises:

- a field configured to indicate to a destination device that a subsequent message is to follow.

46. A method for communicating information to a predetermined location, the method comprising:

wirelessly transmitting an information signal from a transmitter to a remote transceiver, wherein the information signal is a low power signal;

receiving the information signal by remote transceiver;

placing a telephone call from the transceiver to a central location via a phone line which comprises part of a public switched telephone network;

communicating at least a portion of the information signal from the transceiver to the central location; and

decoding at least a portion of the information signal by the central location.

47. The method of claim 46, wherein the method further comprises:

communicating a transceiver identification code from the transceiver to the central location.

48. The method of claim 47, wherein decoding further comprises:

decoding the transceiver identification code.

49. The method of claim 47, wherein the method further comprises:

evaluating the transceiver identification code; and

determining a geographical location of the transceiver based upon the evaluating step.

50. The method of claim 46, wherein the information signal further comprises a transmitter identification code.

51. The method of claim 46, wherein the information signal further comprises a telephone number of the central location.

52. The method of claim 46, wherein the information signal further comprises a logical IP address of the central location.

53. The method of claim 50, wherein decoding further comprises:
decoding the transmitter identification code.

54. The method of claim 53, wherein the method further comprises:
evaluating the transmitter identification code, and determining a geographic location of the transmitter based upon the evaluating step.

55. A system for communicating information to a central location, the system comprising:
means for wirelessly transmitting a low powered signal comprising the information;
means for receiving the low powered signal; the receiving means being remote but within close proximate wireless transmitting means;
means for telephonically transmitting the information to the central location via a public service telephone network; and
means for receiving the information at the central location.

56. The system of claim 55, wherein the low powered signal comprises a telephone number, and wherein the means for telephonically transmitting accesses the central location via the telephone number.

57. The system of claim 55, wherein the low powered signal further comprises a logical IP address, and wherein the means for telephonically transmitting accesses the central location via the logical IP address.

58. The system of claim 55, wherein the low power signal is a low power RF signal.

59. The system of claim 55, wherein the low power signal is a low power infrared (IR) signal.

60. The system of claim 55, wherein the low power signal is a low power ultrasound signal.

61. The system of claim 55, wherein the low powered signal comprises a transmitter identifier code, a unique transmission destination address, and a burst transmission length identifier.

62. The system of claim 55, wherein the means for telephonically transmitting further communicates a transceiver identification code of the means for receiving the information.

63. The system of claim 62, wherein the means for receiving the low powered signal further comprises the means for evaluating the transceiver identification code.

64. The system of claim 63, wherein the evaluating means further determines a geographical location of the transceiver.

65. The system of claim 55, wherein the means for receiving the low powered signal further comprises means for notification in response to the information.

66. A transceiver that wirelessly communicates with a transmitter and telephonically communicates with a central location, the transceiver comprising:

- a wireless receiver configured to wirelessly receive a low power signal, the low power signal being wirelessly transmitted in close proximity to the receiver, the low power signal comprising encoded information;
- a telephonic transmitter configured to transmit a formatted electric signal over a telephone line, the telephone line comprising part of the public switched telephone network (PTSN); and
- a controller comprising:
 - a first portion, connected to the receiver, configured to obtain the information encoded in the received low power signal;

a second portion, connected to the transmitter, configured to deliver the obtained information to the transmitter.

67. The transceiver of claim 66, wherein the controller is a programmable circuit.
68. The transceiver of claim 66, wherein the controller further comprises a look-up table configured to decode the encoded information.
69. The transceiver of claim 66, wherein the low power signal is a low power RF signal.
70. The transceiver of claim 66, wherein the low power signal is a low power IR signal.
71. The transceiver of claim 66, wherein the low power signal is a low power ultrasound signal.
72. A method of relaying an electronic message from a transmitter to a central location, the method comprising:
 - wirelessly transmitting an information signal from the transmitter to a remotely located transceiver, the information signal comprising a unique message code, wherein the transmitter is in close proximity to the transceiver;
 - receiving the information by the remotely located transceiver;
 - placing a telephone call from the transceiver to the central location, the central location being identified by a predetermined phone number, over a phone line comprising part of a PTSN; and
 - communicating the unique message code from the transceiver to the central station.
73. A transceiver comprising:
 - means for receiving a low powered electromagnetic signal, the electromagnetic signal including an encoded message code;
 - means for transmitting a formatted electric signal over a phone line comprising part of the public switched telephone network (PSTN); and

means for obtaining the instruction code from the received signal and delivering the obtained code to the means for transmitting for transmitting over the phone line to a predetermined destination.

REMARKS

Through the foregoing amendments, Applicant has canceled claims 1-32, without prejudice, and added claims 33-73. Applicant contends that all of the presently pending claims 33-73 are now in condition for allowance.

In conclusion, based on the above amendments, it is Applicant's position that all of the currently pending claims 33-73 are patentably distinct and non-obvious in view of the cited prior art references and are in condition for allowance. Applicant now courteously requests that a Notice of Allowance be issued for the presently pending claims.

Favorable action in regard to the application is earnestly solicited.

Respectfully submitted ,

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